

```
graph TD; START([START]) --> S101[SEPARATE LUMINANCE COMPONENT]; S101 --> S102[COMPUTE COLOR INTENSITY]; S102 --> S103[COMPUTE SMOOTHING INTENSITY]; S103 --> S104[SELECT FILTER]; S104 --> S105[SMOOTHING]; S105 --> S106[WRITING]; S106 --> END([END]);
```

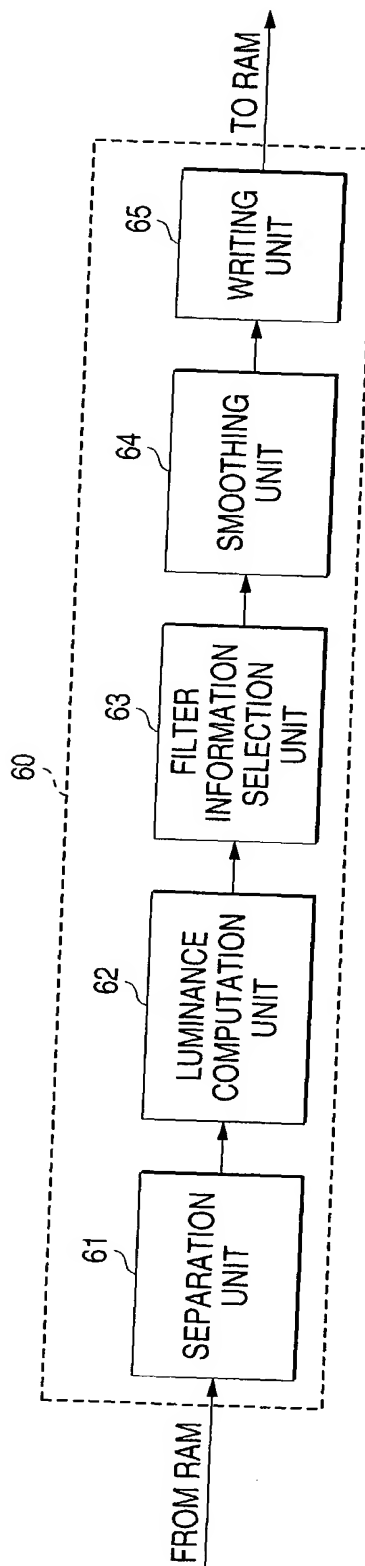
The flowchart illustrates the process of image processing. It begins with a 'START' terminal, followed by a sequence of steps: 'SEPARATE LUMINANCE COMPONENT' (S101), 'COMPUTE COLOR INTENSITY' (S102), 'COMPUTE SMOOTHING INTENSITY' (S103), 'SELECT FILTER' (S104), 'SMOOTHING' (S105), and 'WRITING' (S106). The process concludes at an 'END' terminal.

**FIG. 2**

The diagram illustrates the internal components of a portable electronic device 1. A dashed line labeled 1 encloses the main system. The components are organized as follows:

- Input Section (20):** A dashed box containing an optical input element 21, a sensor 22, and an A/D CONVERTER 23. An external input line enters from the left, passes through 21 and 22, and connects to 23.
- Memory Section (30):** A dashed box containing RAM 31 and FLASH 32, connected to the CPU 11.
- Processing Section (10):** A dashed box containing the CPU 11, ROM 12, and a PROCESSING CIRCUIT 60. The CPU 11 is connected to ROM 12 and the PROCESSING CIRCUIT 60.
- Output Section (40):** A dashed box containing VRAM 42 and an LCD 41, connected to the CPU 11.
- Control and Interface:** An INPUT BUTTON 72 is connected to the CPU 11. An INTERFACE 50 is connected to the CPU 11 and an external device 71. The external device 71 is shown as a separate block outside the main device enclosure.

FIG. 3



3/7

FIG. 4

22

Mg	G	Mg	G	Mg	G
Cy	Ye	Cy	Ye	Cy	Ye
Mg	G	Mg	G	Mg	G
Cy	Ye	Cy	Ye	Cy	Ye
Mg	G	Mg	G	Mg	G

FIG. 5

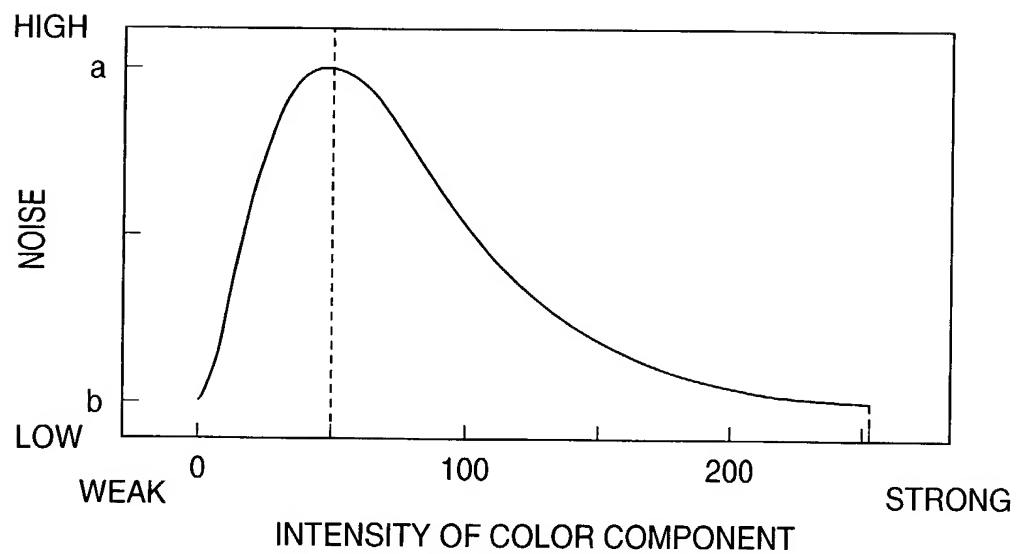


FIG. 6

M

P1	P2			
		Pn		
				P25

FIG. 7

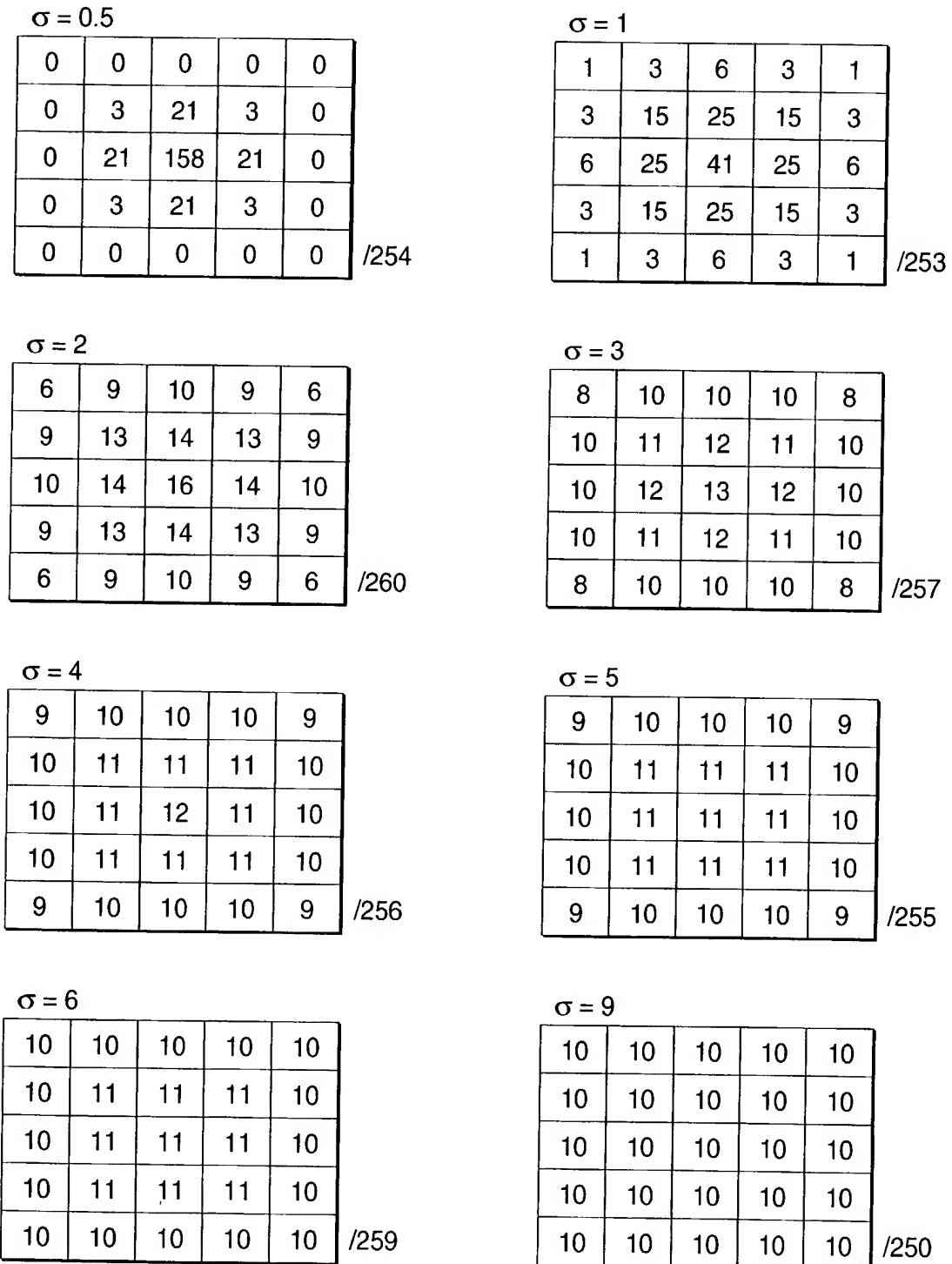


FIG. 8

80

6	9	10	9	6
9	13	14	13	9
10	14	16	14	10
9	13	14	13	9
6	9	10	9	6

6/7

FIG. 9

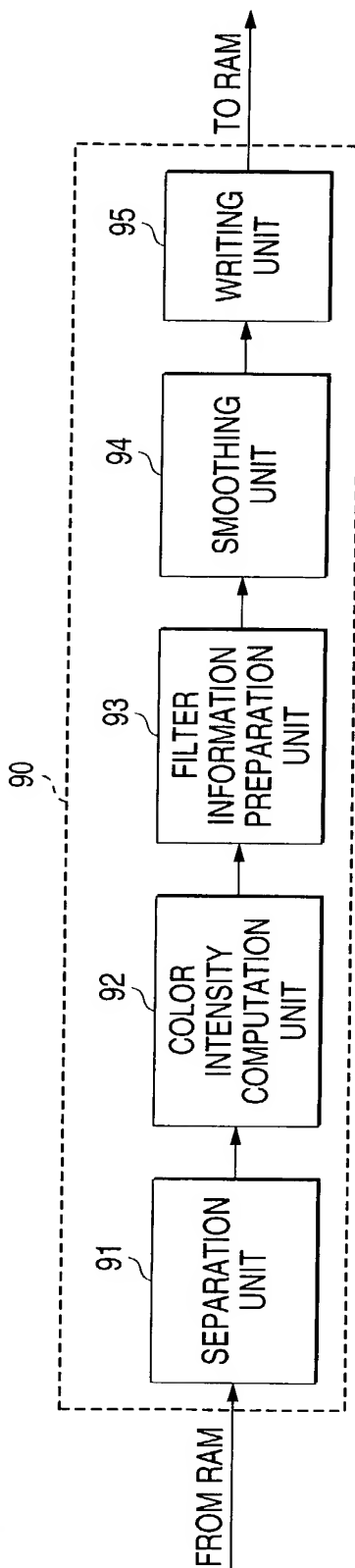


FIG. 10

